

8. This shall apply for Sunday as well as week days.

#### Dakota Division A.R.R.L. Convention

The first Dakota Division Convention was held at Minneapolis on September 7th and 8th. The first day was devoted to registration at the Headquarters at the West Hotel, with a tour of the local stations in the afternoon. Business and technical sessions took place at the Engineering Building of the University of Minnesota. The following are the papers read during the several sessions.

Radio Frequency Amplification—D. C. Wallace, 9DR  
Data on C.W. Operation—A. P. Upton, U. of M.  
Transformer Design for C.W.—Prof. M. E. Todd, U. of M.  
A.C. Rectification for C.W.—H. R. Skifter, 9YAS

The convention closed with a banquet on the night of September 8th.

#### Milwaukee Amateurs' Radio Club

The M.A.R.C., constituting the local section of the A.R.R.L., has resumed its activities after the summer lull. The annual election of members to the Board of Direction has been held and C. N. Crapo, District Superintendent, elected chairman, assisted by six other able amateurs. The Board appointed as officers: H. E. Wareing, president; E. T. Howell, vice-president; H. G. Fawcett, secretary; and various committee chairmen.

The first lecture of the season was entitled, "The Vacuum Tube as a Radio Detector and Amplifier," and was given by E. R. Stockle, Ph D, Instructor in Radio, University of Wisconsin.

Technical Publication, Relay, Interference, and Membership committees will each be responsible for certain meetings of the month.

This organization has been in existence since January, 1917, and meetings are held in the Milwaukee Public Museum, Trustees' Room, at 7:30 every Thursday evening. A perpetual invitation is extended to the public.

#### Greenpoint Radio Assn.

The Greenpoint Radio Association has again opened for the season and plans are being made to obtain local quarters for the club where the DeForest receiving set can be installed. The club is being reorganized and a drive for members instituted. Membership is open to all who wish to have a

broader knowledge of radio. Anyone may call any Friday evening at 79 Eagle St., or write to Sec. H. W. Gerlach, 113 Oak St. Brooklyn, N. Y. All communications will receive prompt attention.

#### THE ROANOKE

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is criss-crossed by a maze of daylight communication routes, and every noon and all day Sundays the air is busy. Such an injection of the ol' A.R.R.L. pep hasn't been witnessed in many a day. Brother Gravely's boys have simply decided that they were going to make a name for themselves and they have got busy, built the stations, operated them, and have succeeded. Gentlemen of the Roanoke, to-day you lead the country, and we will say this: there's nothing we would so much like to do as to saw off from this job for a few months and move right down in your division and handle traffic with you. You are the kind of fellows we like to know.

Mr. Gravely, we congratulate you and your able assistants, sir. You have added a page to A.R.R.L. history.

K.B.W.

#### THE OPERATING DEPARTMENT

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Ontario. Let's have an All-Canada-Relay-Route this winter.

4CE has now been appointed assistant division manager for Manitoba and 4BG still holds the job as district superintendent. With these two "live-wires" at the wheel and the rest of the gang doing their best, we look for some good reports from there. A coast to coast All-Canada-Relay-Route is what we are after boys, and when we all put our shoulder to the wheel we can make her go.

No messages have been handled through 4EZ this month mostly due to the short transmitting range of the present spark set which is used at this station. Good work has been done though, through the summer months, as regular service has been kept up with 4DO, Strathclair, Manitoba, a distance of 150 miles, using only three Ford spark coils for transmission, all day time work. 4EZ will open a reliable route from 4GB and 4BV east to Winnipeg. Prompt service is expected to be rendered from 4EZ this winter when the tube set is in operation, as there are four brothers in charge who are all capable of handling the code up to thirty words per.

